

13. Maintaining the RAP Schedule Database with SCHED

SCHED is a database management tool for maintaining the RAP schedule database, which is the master database containing all RAP flight project scheduling information. With SCHED, you can load, delete, archive, and catalog scheduling information. This tool is not intended for general users, but rather only for the FASTER database administrator.

13.1 Starting SCHED

- (1) From the Microsoft Windows Program Manager window, double click on the FASTER group icon.
- (2) From the FASTER program group window, double click on the SCHED icon.

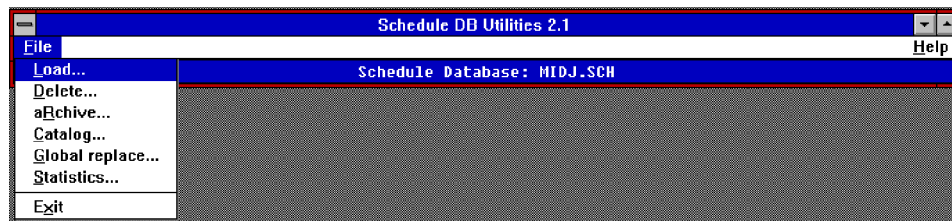


The “Schedule DB Utilities” window appears.

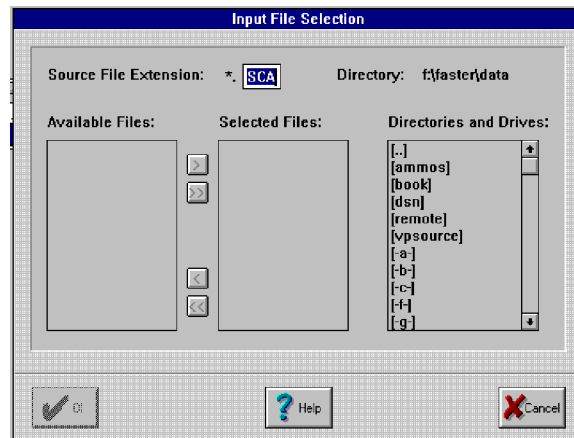
13.2 Loading Weeks into the Schedule Database

New schedule information (records) can be added to the currently selected schedule database (as identified by the **FASTER Directory** entry in the “FASTER Defaults” dialog box found in the FASTER Control Panel) from one or more ASCII files.

- (1) From the File pull-down menu, select the *Load* option.



The “Input File Selection” dialog box appears.



- (2) In the **Available Files** list box, select the file(s) to be loaded by either:
- Clicking the > button to select a single file.
 - Clicking the » button to copy all the files.
 - Clicking the < or the « buttons to deselect one or all files.

If there are no files listed in the **Available Files** list, then change drives and/or directories in the **Directories and Drives** list box or modify the input file name extension shown in the **Source File Extension** field.

- (3) After selecting all the files to be loaded, click **OK**.

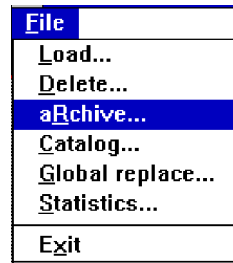
At this point, if the active schedule database selected exists, the appending is performed. If the schedule database specified does not exist, a new database is created and a message is displayed announcing its creation.



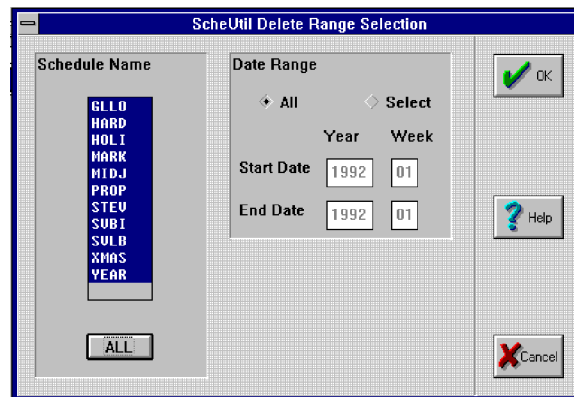
13.3 Deleting Weeks from the Schedule Database

You can remove selected schedule weeks from the schedule database. However, this operation cannot be undone, so take care to back up the data before proceeding with the delete operation.

- (1) From the **File** pull-down menu, select the *Delete* option.



The “SchedUtil Deleted Range Selection” dialog box appears.



- (2) Specify the schedule name(s) and/or date range of data to be deleted, as follows: (Note that only those **Schedule Names** highlighted will be deleted.)
 - (a) In the **Schedule Name** list box, click on the name(s) of schedule(s) to be deleted. One click selects the name, two clicks de-selects it. By default, all schedule names are initially selected. Clicking the **ALL** button toggles between selecting or de-selecting all schedule names.
 - (b) In the **Date Range** group box, click on either the **All** or **Select** radio buttons, depending on how much data is to be deleted.

If you select the **All** radio button, all data for the selected schedule names will be removed from the database.

If you choose the **Select** button, the **Start Date** and **End Date** fields become active. Enter in the start year, start week, end year, and end week values for the period you wish to delete

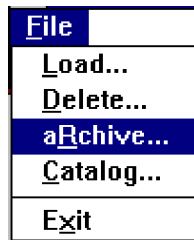
- (3) Click **OK**.

The weeks are deleted. Due to the indexed file nature of the database, this process can take some time to complete.

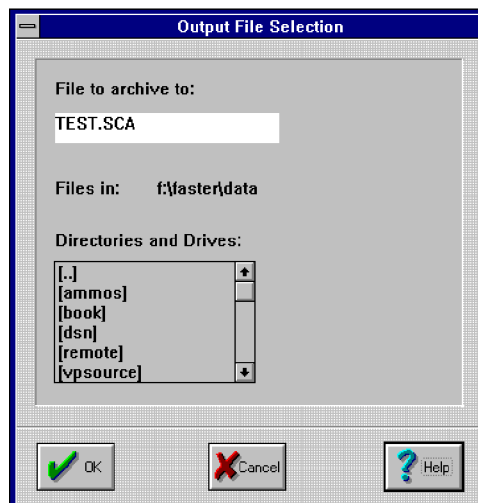
13.4 Archiving Weeks from the Schedule Database

You can archive schedule weeks from the currently selected schedule database. Archiving is a process by which the selected schedule database's contents are dumped to an ASCII file

- (1) From the **File** pull-down menu, select the *Archive* option.



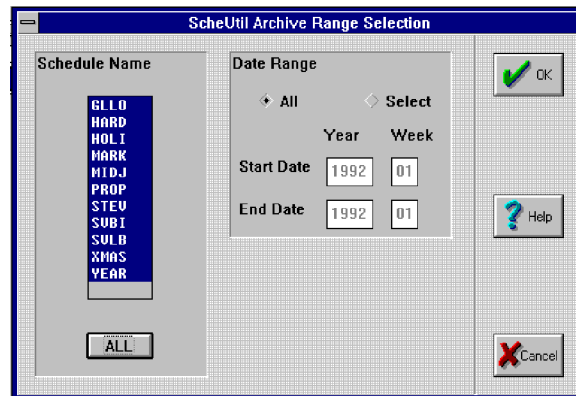
The “Output File Selection” dialog box appears.



- (2) Enter the file name to which the archive material will be written or select a name from the **Directories and Drives:** list box. If you select an existing filename, that file will be overwritten.

- (3) After entering or selecting a name, click **OK**.

The “ScheUtil Archive Range Selection” dialog box appears.

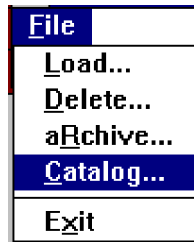


- (4) Enter the following information:
- (a) In the **Schedule Name** list box, click on the name or names of schedules to be deleted.
 - (b) In the **Date Range** group box, click on either the **All** or **Select** radio buttons, depending on how much data is to be deleted.
- If you select the **All** radio button, all data in the schedule database will be removed.
- If you choose the **Select** button, the **Start Date** and **End Date** fields become active. Enter in the start year, start week, end year, and end week.
- (5) After entering the information, press **OK** and SCHED archive the schedule weeks you have selected.

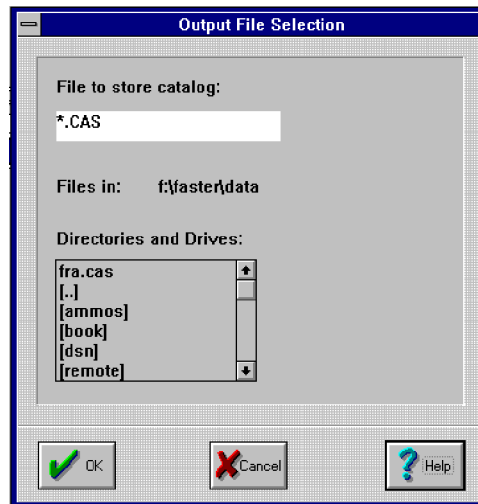
13.5 Cataloguing the Schedule Database Contents

The contents of the schedule database can be catalogued to an ASCII text file. A catalog is a listing of the schedules in the database and what range of weeks they cover.

- (1) From the **File** pull-down menu, select the *Catalogue* option.



The “Output File Selection” dialog box appears.



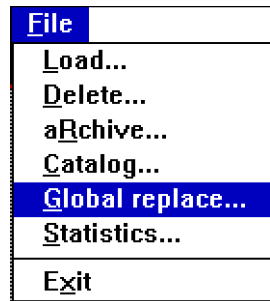
- (2) Enter the filename to which the catalog information will be written or select a name from the **Directories and Drives** list box. If you select an existing filename, that file will be overwritten.
- (3) After entering or selecting a name, click **OK**. At this point the cataloging operation is performed.

13.6 Global Replace

In the past all editing work was done within the limits of a single week. With the global replace option the user can replace the following parameters across multiple weeks:

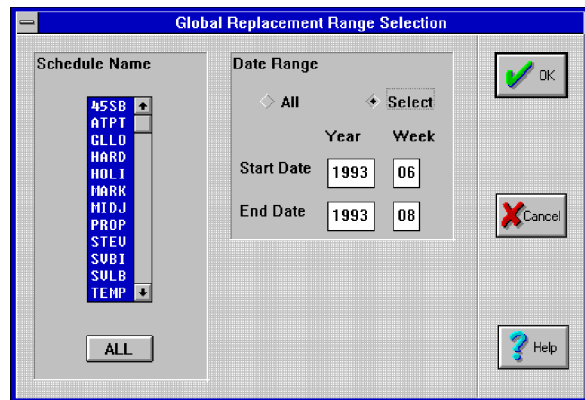
- Activity Description
- Work Code
- Configuration Code

(1) From the Main Menu bar select the File option.



(2) From the File pull-down menu select the "Global replace..." option.

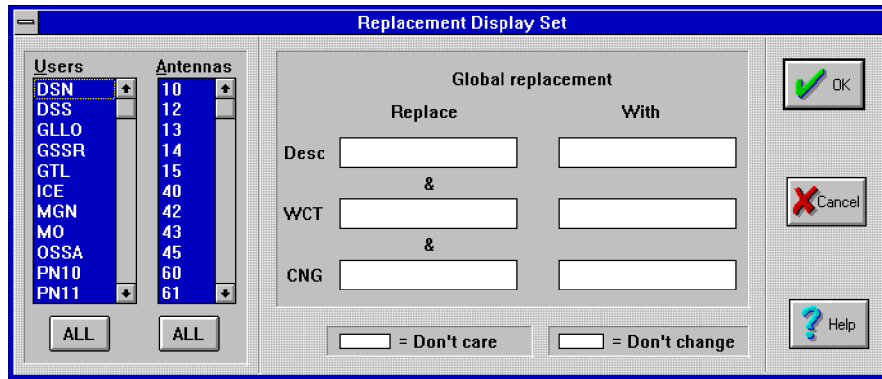
The "Global Replacement Range Selection" dialog box appears.



(3) Specify the Schedule Name(s) and/or time ranges involved in the replacement.

Note: Only those Schedule Names highlighted in the **SCHEDULE NAME** list will be reflected.

(4) Enter the following information:



- (a) In the **Schedule Name** list box, click on the name or names of schedules to be affected by the global replacement. Clicking the **All** button toggles between selecting and de-selecting all schedules in the schedule database.
- (b) In the **Date Range** group box, click on either the **All** or **Select** radio buttons, depending on how many schedules you want affected by the replacement.

If you select the **All** radio button, all schedules in the database will be modified.

If you choose the **Select** button, the **Start Date** and **End Date** fields become active. Enter in the start year, start week, end year, and end week.

- (5) After selecting the appropriate schedule names and date information, press **OK**.

(6) SCHED will display the "Replacement Display Set" dialog box.

(7) Specify the User and/or Antenna objects along with the Descriptions, Workcodes, and Configuration Codes you want to replace and what you want to replace them with.

Note: Only those Users and Antenna objects highlighted in the USERS and ANTENNA list boxes can be modified

-
- (8) Enter the following information:
- (a) In the **Users** list box, click on the User object name(s) whose Description, Workcode, and Configuration code fields you want to change. One click selects, two clicks de-selects. Clicking the **All** button toggles between selecting and de-selecting all User objects.
 - (b) In the **Antennas** list box, click on the Antenna object name(s) whose Description, Workcode, and Configuration code fields you want to change. One click selects the antenna, two clicks de-selects it. Clicking the **All** button toggles between selecting and de-selecting all Antenna objects.
 - (c) In the Global Replacement group box fill in any one of the following fields:
- (5) After selecting the appropriate schedule names and date information, press **OK**.

13.7 Statistics

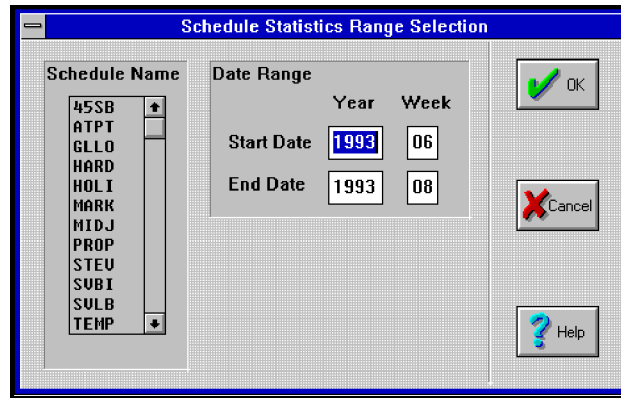
SCHED will generate a series of statistics detailing DSN resource utilization per project per week.

- (1) From the Main menu bar select the File option



(2) From the File pull-down menu select the "Statistics..." option.

SCHED will display the "Schedule Statistics Range Selection" dialog box.



(3) Specify the Schedule Name(s) and/or time ranges involved in the replacement.

Note: Only those Schedule Names highlighted in the **SCHEDULE NAME** list will be reflected.

(4) Enter the following information:

- (a) In the **Schedule Name** list box, click on the name or names of schedules to be incorporated in the statistics generation. Clicking the **All** button toggles between selecting and de-selecting all schedules in the schedule database.
- (b) In the **Date Range** group box, click on either the **All** or **Select** radio buttons, depending on how many schedules you want to be used in statistics generation

If you select the **All** radio button, all schedules in the database will be used.

If you choose the **Select** button, the **Start Date** and **End Date** fields become active. Enter in the start year, start week, end year, and end week.

- (5) After selecting the appropriate schedule names and date information, press **OK**. SCHED will generate the statistics and load them into an EXCEL worksheet.